

1909

January - June

1909
Apr. 23

Cambridge Mass.

My birthday -
1848 - April 23 - 1909

I am sixty-one years old to-day. I feel as young as ever and trust I always shall. Mr. Fane gave me a beautiful book describing the travels of the Duke of the Abruzzi & part up Ruwenzori in tropical Africa. The title is 'Ruwenzori' by Filippo de Filippi; New York. Dutton Co., 1908. Dr. Corbridge gave me 'New England History in Ballads' by Edward E. Hale & his children, Boston, Little Brown Co 1903. Mr. Corbridge, a year's subscription to the Bot. & Zool. Mag.; Mary, two neckties; Brook a bottle of olives; Dr. Robinson, photo. of self; Mrs. Robinson, a box of correspondence cards; Miss Churchill, a pair of nippers; William Deane Rose, congratulations by telegram "I wish you a very, very happy birthday tomorrow".

I wrote a number of letters to-day and finished Janus - I have 250 sheets of mammal species.

We took tea with Dr. & Mrs. Corbridge. Miss Brown had made a birthday cake with my name on it and a squawking boy in the center. We had a good deal of fun -

Cambridge, Mass. to Shelburne, N.H.

1909
May 10

We, M. & I, left the house at 5 minutes of 8 o'clock this morning, drove to Porters Station, thence to Boston and by 9 A.M. train to Shelburne by the usual route. The day was more or less cloudy with much sun and it was quite warm. The mercury reaching 71° F. at quarter of six at Philbrook Farm. The journey was interesting. Between Boston and Portland, everywhere was advancing, the fields were green and *Callithra palustris* was abundant in wet places, while fields were white with *Hastonia cackula*. The trees were laden with Brown Tail weevils.

A short distance north of Ipswich station in a Pheasant wood stretch of meadow land, about 75 or 100 yds from the track I saw a superb adult ♂ Pheasant standing motionless as the train went by.

As we left Portland the field gradually grew browner and after leaving West Bethel large patches of snow lay in ravines while the surrounding hills and mountains are well covered with the hard snow of winter. The river is full of floating logs.

Our Philbrook met us and we drove to the house where we found Miss Fannie & Margorie and later Mr. Thurston W. Loring of Westford, the only guests. Our boys that two days ago no growth had started. Since then some green has come in the fields and catkins are out. The season has been cold & stormy, nearly two weeks late and no planting has been done, though generally it begins in late April.

All through the late afternoon and evening Hylas (Hylas & Pickering's* means and another), an occasional Toad and a large Wood Frog number of Wood Frogs have been piping. The Wood Frog note is piping like the cuckoo's & duels and I, at very near them & listened all the evening.

* right corner of the Boston Journal

* See June 13 (1)

Shelburne, N.H.

1909
May 11

A cold, blustering day, bright sun at intervals heavy showers through much of the morning.

I have stayed in the house to-day as the weather has been very uncertain - I have read a good deal to-day, and on the train yesterday in "In St. Jürgen" in German.

I woke up at 3 o'clock this morning and heard Pickering's Hyla and the Wood Frogs still piping and quacking. I think they must keep it up till the approach of dawn. The Hylas piped occasionally a little through the day but it was only single ones. The noise last evening was extraordinary.

Hylas
Wood Frogs

Birds thus far here naturally been few. I have listed the few. Savanna Sparrows are at times buzzing in the intervals with Crows and Barn Swallows flying overhead. I saw two Savannas yesterday. As I strolled to the Creek. This morning I heard Purple Finches outside my window. Mrs. Philbrook tells me that a few days ago there were flocks of Redwings & Rusty Blackbirds in the interval, but they have disappeared.

To-day I sent down to C. H. Kewell a notice of the Stoughton Habenaria dilatata to insert in our next Local Flora report.

L. W. Bailey writes me to-day for living specimens of any Carps - I may get some later - nothing is up as yet -

Pickering's Hyla and the Wood Frogs were singing to-night.

Shelburne, N.H.

1909

May 12

Clear mild, but very windy all day.

Unfortunately I had a little cold yesterday and I have kept in doors to-day. It was too blustering to do any bird observing, and vegetation has not yet made any headway to speak of. I have talked a good deal with Professor Penhallow about his work and his past life and I have read quite a bit in my German book. This I enjoy. Mr. Lorenz, this afternoon, gave us a long account of the running of a newspaper. He is night editor on the Boston Journal.

Eus has bought acres back of the village behind the house and he is going to take out the wood. The trees for the various uses up here are as follows:—

Pulpwood = poplar, spruce, fir, hemlock

Bobbin wood for the bobbins that go inside the

shuttles = paper birch, yellow birch, beech, rock maple, ash, ~~white~~ white (red) maple.

Spoils = paper birch

Card wood = any hard wood including the hard woods above, white maple (red), hornbeam etc.

Soft wood = the coniferous trees + poplar.

I had a letter from F. H. Bailey this evening & a card yesterday. He thanked us for 'Shakespeare Plants'. Hyla Pickering's Hyla & Wood Frogs were singing this morning, the latter sparingly.

Shelburne, N. H.

1909
May 13

Cloudy and sunny, pleasantly warm in the sun.

Cold better. Besides reading and finishing my 'In St. Jürgen' to-day, I took a walk this morning and afternoon. In the morning I went into the pasture and up the slope a bit, back of the house. A few birds were singing, a Myrtle Warbler warbled incessantly, revealing himself at times, a Black-throated Blue Warbler uttered his nasal notes, and a Black and White Creeper was running about on the branches near me, while a Broad-winged Hawk soared beyond the Emerton Cottage.

This afternoon M. & I strolled over the intervals toward the river. The creek near the river is full of water so that we could not get to the bank. The Androsceppin is very high and is full of logs floating swiftly down. There is to be but one drive this year.

In a depression a few feet below the level of the meadow in moist ground, some 150 or 200 feet from the river and about 50 feet from a branch creek we discovered an oval patch of most beautiful large flowered Erythronium americanum, Dogtooth Violet. The spot was 16 feet long and 6 feet wide at the broadest part and I made a fairly accurate count of 230 plants. The place was absolutely exposed to the sun, no cover being anywhere near. It was a beautiful spot of yellow in the almost brown meadow. I took a few specimens.

Pickering's Hyla & the Wood Frog are singing again to night. The Hylas began as a boy at 6 P.M.

Shelburne, N.H.

1909

May 14

Warm sun most of the morning, a brisk thunder-storm with vivid lightning this afternoon, with considerable rain -

This morning Prof. Penhallur, Gus & I went up the slope towards Higgins Rock and visited the Pitch Pine that I discovered in 1881. I published this and two others about here in Rhodora, xi. 21 (1909). Then Gus took us to a 4th specimen that he discovered in Feb., 1909?

It is about 100 feet from the one we had left, some 20 feet higher up and is a good specimen. It measures 4 ft., 8 in. in circumference, 4 ft. up and is about 60 ft. high. It is surrounded by the trees of the forest but is not crowded by them. It is covered with cones, but we saw no seedlings or young trees of this species near it. I took a specimen of leaves that was growing on the main trunk near the base, and a couple of cones from the ground beneath.

A little farther on not far from the foot of Higgins Rock, Gus showed us where the Hodgehops last winter had worn a path in the sand from their dens at the foot of the Rock for some 100 feet to a number of fine Hemlocks which they had in some cases completely stripped. The five trees were killed, one of them being 7 ft. round, 4 ft. up, and another almost as large.

We walked up on Higgins Rock. The rocks are covered with *Umbellaria dillenii* (see Penhallur). Heard Hermit Thrush, Partridge, Downy Woodpecker. At home the rest of the day, reading, etc. I weigh 162 1/2 before dinner

Pike's Bay, N.H. & Mrs. Prof. Higgins to visit

Hodgehops
destroying
Hemlocks

Shelburne, N.H.

1909
May 15

Beautiful mild mostly sunny day -

I read for a while this morning "Some African Highways" by Caroline Kirkland, which I started yesterday. Prof. Bailey (L.H.) gave it to me last Christmas. It is extremely interesting and well told.

About 10.30 I took a walk down the road. I met Prof. Peabellus returning with a lot of Mayflowers. We went over the piece of woods south of the road, and just beyond the Cemetery intervals. This Peabellus is thinking of buying from Eus, then I walked on round Wheeler's bog as far as the foot of Crows Nest. Chickadees and a Maryland Yellowthroat were singing by the bog and farther on I heard a Solitary Vireo. Mayflowers were abundant by the road leading in toward Crows Nest and I collected some and have put them in press. Returning I heard and saw a House Wren behind Wheeler's barn. I listened to him for several minutes before I could see him bobbing in and out among some boards. I have seen 30 species of birds here. They will be recorded later together. I have not found them abundant yet, rather are here and one there, though today I did see a Black-throated Blue, a Myrtle and a Nashville Warbler feeding in the same small tree together and very tame. This afternoon we & I took a walk down to the river. The logs are still running freely and the river is quite high. There are a good many logs afloat on a shallow flat in the river opposite Eus's land.

Shelburne, N.H.

1909

May 15

(2)

The warmth of the past two days has started up the vegetation and there is that beautiful flush of green on the birches and poplars and willows only seen at this season. The interval is also putting on a delicate green coat, as the fresh blades push up and begin to hide the dead grass of last year. The snow on the mountain slopes is fast disappearing. I found today in the meadow close to the west end of the Rubble a remnant of snow where two days ago there was a large patch.

Snow

This evening Prof. Peabellus, Gus & I had a good long talk on many interesting topics including logging experiences etc.

On the 13th I saw a very large Woodchuck at the northern end of the Rubble. He is often seen there and he has a hole nearby. I find a big hole today near there just inside the outermost bushes of the Rubble.

Woodchuck

Yesterday in the woods back of the house and not far from the Pitch Pine we visited I saw a large fresh hole of the Pileated Woodpecker in a White Pine some 12 feet up. The ground below was littered with chips. Gus said that the hole was made last winter. The chips and hole had a very fresh look.

Pileated
Woodpecker's
hole in Pine

Lawrence and Arica Philbrook both came here today, the former at 11 from Bethel Arica at 5:04 from Boston - Pickering's 4/24, Wood Ferry Road on cutting trail

Shelburne, N. H.

1909
May 16

Two little skunks by the roadside sat,
As an automobile whizzed by;
Said one little skunk, "Whew! I couldn't make
A smell like that,
No matter how hard I'd try"
Said the other little skunk as he turned
his head

Another sniff to take,
"It makes me think of the kind of smell
That Mother used to make."

(Young skunks cannot emit an odor)

Said the shoe to the stocking,
"I'll make a hole in you!"
Said the stocking to the shoe,
"I'll be darned if you do."

Said the tree to the river,
"I'll fall on you!"
Said the river to the tree,
"I'll be darned if you do!"

Ex Prof. D. D. Penballow, May 16, 1909.
Shelburne, N. H.

Shelburne, N.H.

1909
May 16

- Sunday -

A steady pouring rain all day -
We kept in the house to-day - I spent
much of the morning talking with Prof.
Reinhallow. I finished 'Some African High-
ways' and call it a very interesting book.
I have written a number of letters, to
Dr. & Mrs. Coolidge, Mr. Charles A. Stone in behalf
of Gilbert Hand Hoppin who wants to get in
to Stone & Webster, to Gilbert Hoppin, to
E. L. Rand, to May D. Dexter.

So the day has passed quickly.

Rand writes me that E. F. Williams has sold
his house, it being too large. This is
astounding news as I know the vast
amount of time and care put into the
refitting of the place. I have written for
particulars if possible.

E. F. Williams
sells his house

The continuous rain has caused a rise
in the river and the water has backed up
into the creek and there is quite a large
pond across the road, which shows the
level of the river -

My cold is very much better and I
hope, if it is pleasant to-morrow, to drive
over to see Mr. Williams.

I have listed thirty species of birds here
so far - I shall see many more -

We spent the evening in pleasant conver-
sation - Prof. Reinhallow has many stories.

Pickering's Hyla & the Wood Frogs are heard
at work this evening as usual -

Shelburne, NH

1909
May 17

Steady rain all day -

I have been in the house all day. There is always much to busy about under any conditions. The day has passed in letter-writing, reading Outlook, Nat. Geog. Mag. Herald and in conversation.

I was gratified in receiving a letter from Richard Faber who speaks so splendidly of Helen Dexter Graham he is engaged, of E. L. Davis's letter to me of the 14th inst. begins most pleasantly:

"Your letter came yesterday and told me the old story - how you get something out of everything. I always think of the words of the poet: -

'How well our busy Walter D.
Employs all kinds of hours,

Extracting facts from everything
With super human powers.'

It is so true."

I examined to-day with Prof. Reuballen the flowers of Epigaea repens. We opened about 40 flowers. In most cases the stamens were entirely absent. In all cases the pistil was present. In all cases flowers in the same cluster were alike. In one cluster there were stamens, but the number always was less than normal, though different in different flowers. In a cluster examined 2 or 3 days ago, there were filaments without anthers - A tumbler full of many flowers picked lately I examined this evening. All had good stamens.

Pickering's 14 to 1 Wood Frog are singing again, the latter less than usual.

Epigaea
20 to 25
stamens

Shelburne, N.H.

1909

May 18

(1)

Another wet, rainy day, with glimpses of sunshine.

This morning before breakfast I weighed 164 1/4 lbs.

As the sun came out in the middle of the morning, Prof. Peaball and I walked over to Charles Hibbard's Saw mill. I heard Redwings near the mouth of Clement's Brook and saw a couple of Grackles and also in a pool two Solitary Sandpeppers.

Redwings -
Grackles -
Solitary -
Sandpeppers -

We saw Charles Hibbard at the mill and watched the men making bobbins. A company has been formed and the bobbins are to be finished at the mill, instead of sold unfinished. It rained on the way home. *Equisetum arvense* is very abundant over the fields and by the road and on the cart tracks and is very large.

I saw two Kingbirds near the mill this morning in the meadow near Clement's Brook, standing in a pool of water, caused by the heavy rains and high brook, up to their bodies. There was good feeding there and no tree a few rods to stand on. Occasionally they would rise and catch an insect and alight again in the water. I saw another Kingbird do precisely the same thing this afternoon in a pool of water that had collected in the field back of the railway station.

Kingbirds
standing in
water -

Far and I drove to the village this afternoon in the six-oxen. Peaball got a lot of May flowers today and so did Anna Philbrook. I looked over Anna's and they seemed all to have flowers from a basket of flowers.

Dickens's Hyla, Wood Frog & Wood Lizard, this evening.

May 17 in a field by
Kendall's barn, Swan River, N.H.

Shelburne, N.H.

1909
May 18
(2)

There is a row of very large Willows
(*Salix alba*, L., var. *vitellina* (L.) Koch)
on both sides of the road near the barn
at Philbrook Farm. I took ♂ flowers
from one of the trees to-day. The trees
are all males and are in full flower
emitting a sweet fragrance.

Shelburne, N.H.

1909

May 19

Cloudy with bright sun in A.M. Cloudy with some rain in P.M.

It cleared up pretty well this morning and the sun came out, so Prof. Penhallow & I took a walk. Previously Margorie drove me across Shelburne bridge and I collected by the road near the bridge some very large specimens of Equisetum arvense. It is now very abundant over the inter-arvense vale and along the roadsides through it.

Prof. Penhallow & I walked to Hamlin's and through the woods opposite along the road to the Sagar house, then on the yellow trail and along the wood road to Leighton's and home - Houstonia cocculea is appearing - the only other flowering plant I saw was a small colony of Viola renifolia in Viola the open woods in very soft mud. The under renifolia surface of the leaves and the petioles are pubescent, and (H. E. G. B. 1910) the lateral petals are beardless. In V. micropetala Feb. 6, 1910 the lateral petals are bearded. I collected specimens and put them in press with a dissecting flower.

Birds were rather scarce. I heard my first Alder Fly-catcher in the Alders by the road east of Leighton's. I saw a beautiful White-crowned Sparrow on the wood hill and bank behind the barn. A small Sparrow Oriole was seen in the open ground near the pines opposite Hamlin's. This morning a beery called from the humble, my first record, and I heard two Bobolinks singing loudly in the intervals, also my first record. A large patch of haws is still in the intervals just on or beside Sand in the. Thus, Ellen & Andrew McMillan called in a the intervals carriage this A.M. We had a very pleasant talk. Pickens's Osprey is singing as usual, the Wood Frog very sparingly -

Shelburne, N. H.

1909

May 20

(1)

Cloudy in early A.M., clear, bright & sunny by 9.30 A.M.
 Celsoy in P.M.

This morning after breakfast, I from the slope six
 back of the house behind the barn I heard White-crowns
 the clear rich song of the White-crown Sparrow
 below me. It was answered by another, and
 hurrying down I discovered on and near the
 woodpile back of the barn six White-crowns.
 It was a beautiful sight for the bird is a
 choice one, of dainty plumage and aristocratic
 bearing. I watched them for some time.

At 10.30 Prof. Penhallow & I drove up to the
 McMillans over Lead Mine Bridge. The water was
 very high over the dam, and we saw a blast of
 dynamite discharged to break up a concretion
 at the head of the flume-way. I got out
 at the McMillans, and Penhallow drove on to
 Gorham. Mr. McMillan went to Boston this morning
 to come up to-morrow with his car & Paul Kelley.
 Mrs. McMillan & I went up into the woods. I saw a
 Blackburnian & a Magnolia Warbler. Trillium erectum
 & T. undulatum are abundant.

When Prof. Penhallow and I arrived at Enright's Saw
 Farm I heard White-crowns singing. Mrs. McMillan White-crown
 & I went to the piazza of the house and saw sing.
 three birds in a tree close by. One was singing
 and with our glasses we watched him as he
 opened his bill and uttered his song. He main-
 tained his natural pecking attitude, and merely
 opened his mandibles a short way, not more
 I should say than four mm.

Shelburne, N.H.

1909

May 20

(2)

Mrs. McMillan has invited us to spend two weeks in July and we talked it over. We shall probably go the first half of the month. We returned to the house at noon, met Prof. Penhallow and he & I drove back. We saw a shrub of Viburnum cicutoides in flower, the first seen this month. The roadside and slopes just west of Moses Rock were covered densely with Claytonia ^{canadensis} ~~virginiana~~ in fine flower. There were thousands upon thousands of plants. After dinner I took my box and travel and Maymie drove me back to the spot and I got specimens. It requires careful work to get up a bulb or tuber intact; the stem is so slender and brittle.

Hobble bush

Claytonia
canadensis
virginiana

Before tea I strolled up to Sunset Rock and collected a little Saxifraga virginiana that is abundant over the top. On the path leading up to the Jordan Cottage, a rather the driveway I saw and took a blue stemless violet.

Viola
septentrionalis

Prof. E. Emerton wrote me to-day, asking me to report to him on his flower gardens. So I walked round there and found everything in good shape. The beds have been uncovered and apparently are advancing well. Arabis alpina garden. Glandiflora superba (!!!) is in flower. Silene acaulis shows a mass of fresh green. Pyrola is about a foot high. All seems thriving. Pickering's Ayala and the Toad are singing vigorously this evening. I cannot hear the Wood Frog.

Prof. Emerton

Shelburne, N.H.

1909

May 21

(1)

A pleasant morning mild, sun & cloud. After noon cloudy and pretty chilly.

Prof. Penhallow left this morning for Montreal and Ottawa. He will return about the 26th.

I took my botany box, trowel and binoculars and took a solitary walk through the pasture 8 + 9 ft
behind the Scudaler Cottage. The staminate Sweet Fern
catkins of the Sweet Fern, Nyctia asplenifolia,
and the globular, bright red bunches of pistillate
flowers are very attractive. The pasture is
covered with the shrubs to the detriment of
good pasturage.

I entered the wood beyond and kept on for Desoria
some little distance up the slope. Some 9 maculosa
feet I heard a strange Warbler note. I remembered simplex a
that it was at this same spot two years strange song.
or more ago that I heard a strange
note and after much searching I found
the bird was the Magnolia Warbler at that
time. I didn't recall the note, but I
suspected. After patient waiting for some
time I spied the little fellow and
sure enough it was the Magnolia Warbler.
The song was totally unlike the ordinary
one which has been described as this:
Pretty, pretty, Ra-chel, strong emphasis
being laid upon the syllable Ra.
The song of this morning is nearly as
I can express it was this: Ché-ee,
Ché-ee with a faint trill after the last
ee, a sound not heard a short distance off.

Suelburne, N.H.

1909

May 21 There was strong emphasis in the chee each
(2) time. The bird sang for about ten
minutes, moving about constantly from
tree to tree near me. Some ten minutes
after he had stopped singing, I heard in the
distance the normal song, and not long
after that song stopped, my bird started
up again near me. I have no reason
to believe that the two songs belonged to
the same bird. It is interesting to note
that at least two years ago I heard a
Magnolia Warbler in the same locality
and I am quite sure in exactly the same
spot singing an unusual song,
perhaps just like the song of to-day.

I had the pleasant experience of finding Viola
rotundifolia in the rich woods rotundifolia
near where I had been studying the in flower
Magnolia Warbler. How often have I seen
the plant in fruit, but this was the
first time I had seen it in flower. Viola
There was a large patch of it and the
bright yellow flowers were very beautiful. Viola
renifolia is abundant everywhere - renifolia
Trillium undulatum was also abundant.

While collecting some of these plants
I heard a very loud series of calls, soon
followed by a very vigorous hammering
into a tree. From my Whitefield, N.H. experience I feel very sure that the
bird was a Pileated Woodpecker. Pileated
Woodpecker?

Shelburne, N.H.

1909

(3)

May 21

Returning home I visited the Presidential Platform, a platform erected by Enos many years ago and commanding a fine view of the big mountains over the ridge to the west of Mt. Wentworth. There is a very large amount of sand on them all still. I go back just in time for dinner. Mr. & I are now the only guests here.

This afternoon I spent most in my room, putting plants into press, writing, etc. As I was sitting at my table, Miss Fanny told me that a deer had just gone on to the Knubble. Jim had seen him swimming the river and entering the woods at the west end of the Knubble. Miss Fanny & I went out and examined the locality, but the deer had evidently kept straight as through the woods near the east end and thence into the woods north of the road.

I have put into press to-day a few plants:

Viola rotundifolia Michx.

" *renifolia* Gray (flower

Trillium undulatum Willd. normal)

In rich woods by path up Cabot on the first slope north of pasture back of Leaden Cottage.

Asplenium adnigrum L.

♂ & ♀ flowers in pasture back of Leaden Cottage.

The Hylas are singing to-night, but I can hear no Wood Frog. They must have stopped.

Shelburne, N.H.

1909

May 22

Cloudy and chilly all day - Slight glimpses
of sun in the P.M. -

There came down this morning by the early Stockbridge
train to us from the State Fish Hatchery at Burleigh Brook
Colebrook N.H. (Colebrook Hatchery) three cans of ^{with trout.}
young trout, fry, to distribute as the saw fit.
The cans came with the ^{first} ^{and they put in the river.} One was taken
to the ~~mouth~~ ^{mouth of} ^{heavy} ^{brook} ^{the river.} The other two Cans
& I took up in a team some distance above
the Wigwam across the 2^d bridge over Burleigh
Brook. We put one can full into a tributary of
the brook by dipping the trout in a dipper and putting
them into quiet rocks. We estimated that the
can held certainly 3000 young trout. They were
about an inch long. The cans are about 2 feet
high and 1 1/2 feet in diameter at the base. They
contract to a neck near the top and then
widen out somewhat. On the top is fitted a
oboeic sieve that holds ice. The water must
be changed frequently. The cans were filled last
evening and the water was changed three
times when we received them. The second
can which seemed to contain even more than
the first we emptied into the main brook
just below the 2^d bridge where there was a
large favorable pool and there were long easy
stretches of water down stream.

We stopped at the Wigwam on the way back
for a while. *Viola rotundifolia* was growing
near by. Saw now a less Hobble Bush in flower.
We were home to dinner. I photo'd the trout cans.

Shelburne, N.H.

1909

May 22

(2)

After dinner I drove with Miss Fanny & Lawrence to the McMillans where I got out. The others went to Gorham. Mr. McMillan & Paul Relsey had returned & rather arrived from Boston in the car and they with Mrs. McMillan had just gone to Philbrook. Paul Relsey took the afternoon train to Boston, via boat from Portland. Mr. & Mrs. McMillan returned soon. I had walked about a bit and heard a Catbird and a very below the house, we had a very pleasant chat and were joined later by Miss Fanny & Lawrence. After a cup of tea we drove home again.

The water is very high at least nine feet and flows down with a tremendous rush.

The logs, that are still running, pass through the sluice and are tossed wildly in the whirl at the other end.

In spite of the continued cloudy weather beautiful and cold, the trees and shrubs and smaller foliage plants are coming on. It is a very beautiful sight. The trees are dotted with the most delicate of leaves in all their fresh early green. The Rock Maples with their drooping forms are simply beautiful beyond words. I never saw anything more graceful. I must try to photograph one.

Mr. McMillan has sent me General Karanpatkin's 'The Russian Army and The Japanese War' in 2 vols., E.P. Dutton & Co., New York, 1909.

I shall enjoy them.

The Hylas are singing tonight, nothing else. I weighed this Am. before breakfast 165½ lbs!

Shelburne N.H.

1909
May 23

- Sunday -

Cloudy & sunny, mild Air. Cloudy P.M.

The weather is strange, clouds covering the sky most of the time. This morning Gus & I drove up the road. We went into Burbank's pasture a short distance beyond his house where a magnificent Rock Maple ^{Photo'd} stands, draped and with its pendant clusters of flowers. I took a picture of this with Gus at the foot of the tree.

In this field and along the road a little Viola further on I collected specimens of Viola septentrionalis Greene that was abundant.

Every character bold, good, spurred sepal villous, sepals and their auricles ciliolate, and other characters plainly seen in the pressed specimens. Every specimen I put into press & examined carefully for all these characters -

We drove on to the Stone cottage where Gus had some things to look after. The view of the big range is very fine. The mountains were entirely uncovered and immense sand drifts fill the deep crevices. In the Gulf of Mexico on the steep southern wall the snow fills the intersecting rifts making a perfect cross. It shows off finely now - Home to dinner.

I have measured on the government map the following distances:

Philbrook Farm to Hamlin's	$\frac{3}{8}$ mile	} Total
Hamlin's " Burbank's	$\frac{5}{8}$ "	
Burbank's " Gates	$\frac{7}{8}$ "	
Gates " Lee's Mine Bridge	2 "	

3 $\frac{3}{8}$ miles

The Hydras began piping at 7 P.M. not as vigorously as heretofore
Took me babbling - No Wood Frogs

Shelburne, N.H.

1909

May 24

Bright, sunny, warm morning, cloudy but pleasant afternoon. ^{Mercury} reached 72° today. Rained ^{late} this P.M.

The road ~~into~~ ^{front} of the house is to be moved back some distance, the bed hill & curve just below the house is to be covered and straightened. Work began this morning and after breakfast I took three pictures of the situation.

Then Margorie drove me to the hill land where I spent the day. Mrs. McKee & I went up into the woods and collected Viola Selkirkii, pallens & incognita. We caught a glimpse of a Sharp-shinned Hawk near the old place as it flew through the trees round us, uttering its strange cries and whistle. After dinner we went down to the bottom of the meadow below the house and found Viola septentrionalis abundant. Then we took auto's to Gorham where I called on Shorey who is going to develop my roll of six pictures.

In a shop window before which a crowd was Hypnotism standing, was a man apparently asleep in a cot bed. I was told he had been hypnotized and would wake at 9.30 P.M.!! A man professing this act will exhibit this evening.

We came back and auto'd to Philbrook's reaching here about 5 o'clock. I collect today:

<u>Viola Selkirkii</u> Rush	{	Wooded slope of Mt. Evans.
" <u>pallens</u> (Banks) Brainerd		Luteous petals in all the spurs
" <u>incognita</u> Brainerd		of the two latter are bearded.

X
Like Sp. Brainerd
Feb 6, 1910

The Hygas are singing vigorously this evening, the toads are bubbling at intervals.

Gas Philbrook heard a Bittern pumping early this A.M.

Butter

Shelburne, N. H.

1909

May 25

(1)

Clear and sunny, mingled with clouds and a few rain drops at intervals in the morning. ^{Super fell last night, on wet, muddy} ~~in the morning~~ after inspecting the work which is progressing on the road I walked down to Elery Wheeler's. I had a talk with Mr. Wheeler by the Cemetery. He has put up a stone of marble (white) on top of a large boulder with several names of his ancestors on it. One of these names is Hope Austin who was his ^{father}. Wheeler says that Hope Austin was buried where the stone is, but Gus does not think so. The boulder referred to was in the field close to the fence just opposite the Wheeler house and Mr. Wheeler says that doubtless his father & grand-father moved it there long ago. He has moved it to the Cemetery. The boulder shows in a corner of the house that Mr. Wheeler gave me - I called at the house and named a large cocoon that Mrs. Wheeler had found on her vine. It was Attacus scierpica as I anticipated.

I then wandered by the bog and noticed how much of the pond was filled by the encroaching vegetation. It is a peat bog in process of formation. Saw, three and Bank Swallows was darting about low over the water and bordering vegetation, chiefly Cassandra. A Swamp Sparrow was singing merrily his pretty trill from a small white birch growing among the Cassandra. I watched him throw up his little head as he sang. A heron and a Field Sparrow were singing near by and from the hill behind the barn

75
Snelburne, N.H.

1909 the scene was a very attractive one.

May 25 I returned home through the woods on
(2) either side of the road, visiting the
'Fam', a dell by the river opposite the
school house where a few years ago I got
some fine deer tracks, firmly imprinted in
the hard pulp from the Berlin mills.
(See Journ.).

The Ostrich Fern is Ostrich Fern
abundant in this spot and the fresh
tender, unrolling leaves are beautiful.

I then walked through Prof. Penballow's
woods home, he having walked down the
road and missed me -

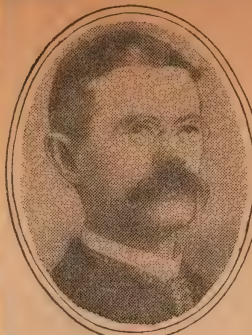
This afternoon the McMillans came
down in the automobile and I took
Mrs. McMillan to Sunset Rock for *Fixitropa*
virginiana and then up the slope in the
woods at the end of the pasture back of the
Gardner Cottage for *Viola renifolia*.

Andrew was with us. We visited the
Presidential Platform and then home.
Meanwhile Mr. & Mrs. McMillan had
taken a short tour of a couple of
miles in the auto, as far as Sunkers.
After their own friends had gone I wrote
and read till supper time. There is al-
ways more to do than I can accomplish.

The Hylas and Toad are singing to-night.
I presume they will stop before very long.

The Rock Maples are still in flower not in leaf.
The Red Maples are leaving out. The Shad
is one mass of white now everywhere.

PRINCIPALS IN MEDFORD SCHOOL BOARD SITUATION.



ROSEWELL B. LAWRENCE, Supporter of Morss Who Resigns as Chairman of Board.

CHARLES H. MORSS, Defeated After 14 Years' Service as Superintendent.

WILL DECIDE ON CANDIDATE.

Medford School Board Will Next Week Act on New Superintendent.

Much surprise was expressed in Medford yesterday over the defeat of Charles H. Morss for re-election as superintendent of schools after 14 years of service, and as a result thereof the resignation of Rosewell B. Lawrence as chairman of the school board, to which position he had been unanimously elected for 17 years.

Mr. Lawrence originally urged the appointment of Mr. Morss and believes he has proved competent and was entitled to a reappointment. Up to the final ballot he felt that the necessary six votes would be forthcoming.

There has been a strong feeling aroused within the past two years and open opposition to the chairman and superintendent has shown itself at the meetings of the committee.

No candidate has been suggested and nothing will be done until a permanent chairman of the board is elected next week, when a committee of three will be selected to consider and report upon a new superintendent.

Boston Herald, May 26, 1909.

Boston Herald, June 25/09.

HAD BUT SIX VOTES.

C. H. Morss Fails of Re-election as Superintendent of Medford Schools.

Charles H. Morss, for 14 years superintendent of the Medford schools, failed of re-election at a meeting of the school committee last evening, the vote standing five for Mr. Morss with six blank ballots. Every member of the school board, including Mayor C. M. Brewer, who under the city charter is a member ex-officio, was present.

After the vote Rosewell B. Lawrence at once resigned the chairmanship, which he has held for 17 years. He said that he felt he could no longer hold the office.

Judge W. C. Wait was made temporary chairman, and the election of a permanent chairman postponed to the next meeting. The board adjourned at 9 o'clock after an executive session.

After the meeting Mr. Lawrence said that the board understood his reason for resigning, but he would not then say that he would resign from the board. He had talked the matter over with friends and his action of last evening was premeditated.

Mr. Morss was superintendent of the Milton schools before coming to Medford in 1895.

*Charles H. Morss
is a member of
our New England
Botanical Club.*

*1909
May 26
+
June 25*

Shelburne, N.H.

1909
May 26

A clear delightful day, warm and mild.
Wind west. An ideal day.

This morning Gus & I drove to Silead by way of the village. Just as we left the post office and had crossed Colemans Brook I heard a Warbling Vireo. The opening foliage very more and more beautiful. The poplars and birches lining the road with the sun foliage behind us lighting them up make a picture that defies description. The snow-white patches formed by the shed-bush is another beauty.

At Silead we visited the hybrid *Sorbus* *Sorbus* in front of a small house near the bridge. I have leaves and fruit already from it. The tree is in full leaf, not entirely developed yet, and is covered with flowering clusters still in bud. I took a specimen.

This afternoon I read and wrote and then M. & I took a walk. We inspected the Swanton place and found the gardens well along. Then we watched the men a while on the road and then walked over the intervals. All is beautiful. I collected a few plants to-day:-

Ribes prostratum L'Her. roadside among weeds, Silead.

Sorbus celt. by house in Silead. In bud.

Antennaria neglecta Greene ♂ & ♀ fls in clumps within

a few feet of each other, meadows off-house.

Viola pallens (Banks) Griseb. meadows off-house. The

lateral petals are beardless.

Hylas & *Toad* are singing briskly tonight
From the records M. & I were here in 1881 -

* See M. & L.
Journal.

* See Gus Reid
Feb. 6, 1910

M. & I were
here in 1881

Shelburne, Vt.

1709

May 27

A clear morning, quite warm, & very pleasant
and ~~little~~ rain in the evening.

This morning I went into the woods back
of the Judds Cottage to get some Viola for Dr. Brainerd. Viola is
I collected by the little brook in wet & springy ^{scarcely}
ground in shade just within the edge of the wood
and close to the path. Amongst the Viola I collected
Viola pallens, with lateral petals bearded
slightly, and leaves smooth*. A few minutes' walk
up the path on the slope at the side in shade
I collected Viola cuneata near the locality of May 21.
The petals (lance) are bearded, as well as the others,
but are a two & a half times as long, practically smooth.
In the open pasture behind the Judds Cottage
and in the grass by the willows near the Philbroke
barn I took & examined, of a set I call Viola
septentrionalis, because the petals bearded,
sepals & anthers ciliate. All these but a couple
Vi. pallens that I found, I have put up in oiled
paper in a small tin box and have mailed them
with a letter to Dr. Brainerd -

* I inserted
inadvertently
with pallens
some uncol-
lected
with leaves
pubescent un-
derneath and
on the petals
See Brainerd's
letter, June 2, 1899

* I collected
near both
Vi. pallens &
Vi. cuneata
Spms in herb.
Herb. Acad. Brainerd
Feb. 6, 1898

We have watched the work in the road to-day,
considerably - It is progressing rapidly.

This morning the men in the wood pulled a
Milk Choke - I saw it & measured it. It was Milk Choke
3 ft. 3 in. long. In the woods near the brook
where I found, on May 21, I saw a very large Saxifraga fragilis.

Mrs. Peabodys came last evening by 10.00 train. Prof. Pea-
bodys returned at 3.30 from Montreal - his & Effie's
came up on the 3.04 New Train.

Hyacinths & Iris are doing well this evening in the rain.

Tulbourn, N.H.

1909

May 28

Rain all day, mountains obscured in mist.

It has been another steadily wet day.

This morning before the rain was heavy

I went out to the willows by the barn and ^{Strange Song} verified a peculiar song - I did not recognize ^{of the} Parula Warbler it at all. The author of the notes was the Parula Warbler. There were two singing and one was but a few yards from me on a low branch and was perfectly "identifiable" as he threw up his head and sang with parted mandibles.

The song was utterly unlike the songy notes of this species that I am acquainted with. It consisted of a rapid, vigorous trill of five or six notes, ending with a very sharp che-u. I could hear the note distinctly as I sat in my room about 250 feet distant. As the bird uttered the end of his song, che-u, he opened his bill to its fullest extent with head up, and then resumed his normal attitude.

I have spent most of the day reading two papers brought home by Prof. Deuballard: "A British Reptile" and "Contrib. to our Knowledge of the Origin and Development of Certain Marsh Lands on the coast of New Eng." He gave me other papers besides.

I have been examining my Button Bush almost ^{Button Bush} daily. Of the few stems, four only have any continuous bark and these are very sparingly covered in dark portions by a bare strip. Yesterday I saw the first sign of life, a small cluster of buds appearing on one stem some four feet from the ground. They are increasing in size & number today. The Hylas & Toads are singing merrily this morning.

Shelburne, N.H.

1909
May 29

Showery morning, fairly clear afternoon with a little rain -

J. J. Greenough arrived last evening by the 10.10 train. He returns Monday afternoon.

This morning Gus with Prof. Penballus, James & I drove to Gorham, stopping at the McMillans to arrange for a picnic at the Abigwam on Monday. Mr. McMillan went to Portland this morning for some dentistry. We had a pleasant drive with a little rain now and then. I met and had a pleasant talk with Judge Evans in Gorham.

The rock maples are showing their leaves now and so are the elms & apple trees. Soon the trees will all be clothed. We returned home late to dinner. But what matter! The blue stemless violet that I call septentrionalis is very abundant. Hobblebush now gleams white in the woods and Canada Plum is in full flower at intervals along the road.

This afternoon I strolled about the place. Prof. Penballus ^{Butterbush} and I examined the Butterbush. There is some life yet in two stems that are throwing out buds from different branches. There are no signs of life in any other stems. I think we shall prune them a bit.

Many patches of snow are still visible with the snow on the lower slopes of Moriah -
I collected to-day:

Viola septentrionalis Greene Two clumps, damp roadside, deep violet
Prunus nigra Ait. s.w. corner Philbrick Farm, n. of road, full flower, shrub.

The Weyles & Woods are singing hard this evening

Shelburne, N. H.

1909

May 30

(1)

Clear, sunny, with bursts of Sunshine,
very cool - Sunny afternoon with heavy clouds.

M., alas, has a bad cold that developed yesterday. She has stayed in bed today and coughs hard - Still I feel she will be much better tomorrow.

This morning Prof. Chas. B. Kellum, Mr. & Mrs. Fred C. Cushing, ^{ass. Pres. Maine Seaside Bank,} of Portland who arrived last evening & 9 in the B-seated wagon and Tans and Mrs. Sheffield in a buggy drove $3\frac{1}{2}$ miles up the Glen Road. It was very beautiful all the way - The young foliage is exquisite. *Trillium erectum* was very abundant and very large and in full flower on the Glen road. *Anemone quinquefolia* was abundant & large also.

Tiarella cordifolia is just coming into flower. Hottle Bush is a beautiful white. Moose Maple is in flower. *Phlox paniculata* is green and abundant. There are by the Glen Road - In one place *Equisetum hyemale* was covering the wet ground and was very tall - There was a very large bed of *Viola scabroscala* by the road in Shelburne.

The big mountains as we drew nearer were very forbidding. The big fields of sand are still very large and Chas says they are in places sure, fifteen feet deep - Deadby River is rattling noisy over its stony bed.

On the return we stopped a moment at the McMillan. Mr. McMillan is quite exhausted from a bad tooth the nerve of which was killed yesterday in Portland - Mrs. McMillan was used up by it too.

It was a most successful drive and we reached home about 1.45 P.M.

Fullerton, H.

1909

May 30

(L)

This afternoon after writing a little I strolled ^{Knubble} over to the 'Knubble' and wandered over it for old times sake. It is just as of yore when in 1880 I began my botanical studies. Prof. C. Connelley, who now owns it, has cleared out the brush and made it easy to walk about at the same time preserving its integrity. The brake was coming up and I cut a large bunch of young tender stems, and Mrs. Fanning will cook them like asparagus to-morrow.

I then wandered over to the Emerton cottage and enjoyed the fine view, and continued round toward the Jordan Cottage descending back of the barn, tracing the two streams that flow down the slope and disappear in the loose soil. Very* I heard my first Beery this afternoon. It was for first time singing in the Knubble.

I examined this evening the side of *Trillium* abnormal erectum that had been picked on the Glen Trillium Road and found one exhibiting ^{in its normality present} teratology. erectum Leaves in whorl of four. Sepals five. Petals four alternating with ^{sepals} ~~petals~~, leaving one vacant place. Stamens ^{normal} eight, four alternating with petals, four opposite petals, one of the former double and ^{the another} separate for three-fifths of its way down, the remaining two-fifths united as well as the filament. Ovary eight-winged, one-celled, four parietal placentae, each placenta attached to the wall between two ridges, and two ridges being between each two placentae, the attachment of the placentae being opposite the petals, ovules numerous. Sepals edged with the warm color of the petals, two streaked with warm otherwise all five green. Petals warm.

Shelburne, N.H.

1909

May 30

(3)

I have sectioned the ovary and unfortunately the upper part showing the four normal styles got crushed. So I record carefully the fact the pistil was of normal shape excepting in its being on the plane of four - All the other specimens I examined some 12 in number are normal -

I have pressed to-day:

Viola scabrinuscula Schwein.

One spot by the road in shade on south road between Chas. Schilbroski & Gorham, very abundant.

Equisetum hyemale L., var. affine (Engelm.) A. C. Eaton.

very abundant by roadside in wet, grassy ground on Glen Road, Gorham, just north of 1st bridge.

Viola cucullata Ait.

Same locality as the Equisetum. Spurred
Trillium ^{petals glabrous.} erectum L.

Glen road, Gorham, abundant. A tetralogical form described above.

I could see with the unaided eye to-day sun on the slopes of Moriah opposite the base. There was much frost under the tarp on the Glen Road. It cannot of course last very much longer on the lower mountain slopes.

The Hylas and Toad are busy again this evening. It is warmer and their activity depends very much on the temperature I find.

I have been analyzing some of the Calamus near here and find it to be C. incanus

Shelburne, Vt.

1909
May 31

Trip to 'The Bog' Gilead, and ferry across
at West Bethel.

Clear, mild, fleecy clouds, west wind.

Went to Trip to 'The Bog' Gilead, and ferry across at West Bethel.

Photodendron canadense (L.) S.P. Whelan var. - fl.

This morning we started in 2 carriages for 'The Bog'. One carriage held Gus, Prof. Penballow, Mr. Cushing & Mrs. Penballow, the other, James, Mrs. Cushing, Mrs. Sheffield & the other. We crossed the river at Gilead. My father's boat is still in bud. We reached 'The Bog' by the regular route as last October. The air was clear as crystal and the foliage soft and green and that contrasted & rang in with the fog of last year when May Dexter, Miss Fanning, Gust & I picnicked there. The Bog Brook was running quite full. *Viola cucullata* was abundant and also *Viola pallens*, the lateral petals both bearded and smooth. *Ribes praeoxanthum*, *Prunus nigra* (by some old apple trees) *Villium erectum*, etc. were quite in evidence. I took a few books at the Cunchle and one of a fine view up the river in Gilead. (*Aralia*) *Panax trifolium* was abundant near the camp and on the way out I took a little of it, but in the hurry could not get the others.

We drove on the return, to W. Bethel, Penballow and James changing seats, and found the river where I took a few pictures. The olive bume was glorious. James was going to take the train at W. Bethel, but the train was so late that he returned to Shelburne and left from here. Vegetation in coming out at Wheelin's Bog, *Rhus glabra* & *Rhus glabra* *Cassia* has been at some time. I collected to-day.

Viola pallens (Banks) Spained. Not found 'The Bog' (at least partly) & I saw it. *Panax trifolium* L. Shrub, roadside about a mile from the picnic grounds.

X. Mrs. Gus Brainerd
Feb. 6, 1910

Sieilburne, N.H.

1909
June 1
(1)

Clear cool day, strong west wind -

his cold progresses. She coughs a good deal at times, but she is better though still in her room.

I staid about the house part of the morning. Gus & I drove to the station and post office. I walked over from the post office to the bridge over Clement's Brook. The water was as clear as crystal and the gravelly and sandy bottom reflects by the bright sun made every pebble clear. The water was about two feet deep and the brook quite broad. Directly under me as I looked down into the clear sunlit water were four large suckers, certainly a foot in length. They were lying quietly on the bottom side by side extracting some unidentifiable from some vegetable matter. Suckers

With my binoculars I could see them wonderfully clear. I watched them for about five minutes before they glided under the bridge and were lost.

This afternoon, after breakfast I took my botany box and followed Emerson Brook up to the spring where Prof. Emerson's water supply comes from. The woods are beautiful. I collected a number of hickories.

This afternoon, after writing to Paris, Prof. & Mrs. Penballow, Mr. Cusler & I took a stroll. We saw a fine pine tree fall on fire way to the new road. We walked over to the 'Lan' and saw the Austrian Fern - violet blue & white are abundant in the grass. Mrs. Cusler joined us later.

The Hygals and Toads are noisy this evening.

James Greenough told me that his father & family including himself were part in Sieilburne in 1876. They were in the House Cottage. E. Morris Morgan & I were

* See p. 2

There at the same time: I took Morris.

Shelburne, N.H.

1889

June 1

(2)

I collected this morning some violets in the woods back of the house on the border of or in the neighborhood of the brook that runs from Emerton Spring. I shall call the brook as it has no name Emerton Brook. It is quite dry in the dry season:

Viola cucullata Ait. A number of small plants in wet springy ground around Emerton Spring. Beads of lateral petals strongly knobbed, spurred petal flabrous, sepals not ciliolate.

Viola septentrionalis Greene

Three ~~two~~ rather large plants in pine wood growing among the dead leaves.

Bead of lateral petals not strongly knobbed.

Spurred petal villous. Sepals ciliolate.

Viola incognita Brainerd [sic syn. Brainerd, Feb 6, 1890]

Abundant in wet ground in shade by Emerton Brook. Specimens all taken in one spot. Lateral petals bearded. Leaves more or less pubescent.

The mouse Cottage at that time was kept by Aunt Hannah Green. We all slept there and took our meals at the Wuthrups house. see p. 1

This evening at 8.20 o'clock as I was sitting in my room by the open window, a Whip-poor-well suddenly started up his song on the tin roof very close to me. I stood by the window and listened to him for some time. The men below walked up to the spot below him and frightened him off finally.

Shelburne, N.H.

1909
June 2
(1)

Clear and cloudy, pretty warm.

This morning Gus drove Miss Fanny, Mrs. Sheffield & me up the Cabot path back of the house over the ridge to the camp where his men have who are cutting a large tract of woods for him. It was a very steep drive. The camp is a very neat building with accommodations for the Frenchman, his wife & four children and three other men. The trees were falling and a large amount will be taken out. I heard there a Winter Wren. We returned the same way.

Winter Wren
on Cabot Path

This afternoon Mrs. Sheffield & I walked down to the river and followed the bank to the Hamlin place and home by road. I heard a Yellow Warbler in the maples by the river. Two male Redwings were about the creek in Hamlin's and a Warbling Vireo was singing in the tall trees near the main road. (We saw it.)

Yellow Warbler

Warbling Vireo

I am going soon to Cambridge towards to be at the Botanical Club on Friday evening at the last meeting. I shall return here on Saturday the 5th by the evening train. His cold is better, but she still coughs at times.

Prof. Penhallow left this morning for St. Andrews where he has charge of a large Biological Station. I shall not see him again. I have enjoyed him extremely.

Erythronium americanum Ker.

A fruiting specimen from intervals opp. the house.

Shelburne, N.H.

1909
June 2
(2)

Miss Bowman and Mrs. Herbert Lyman
(Ruelle Whitney) arrived by the 5:04 train.
I took Mrs. Lyman for a stroll before
tea - We found a clump of Rhodora
by the ditch west of the Knubble and
a Humming Bird was hovering over the
blossoms - We went on to the Knubble
and walked over it. Two Wilson's Thrushes
were singing there and we saw one
quite near, as he perched on a branch
and uttered his call note. We then
crossed over to the Emerson Cottages
and enjoyed the view from there.

Shelburne to Cambridge Mass

1909
June 3

Left Shelburne by the morning train for Cambridge. Mrs. Herbert Lyman (Ruth Whitney) went too. We had a very pleasant trip. Return to Cambridge

Every swamp on the last way was abased with Rhodora. It was a fine sight. Sometimes patches several acres in extent were brilliant with the heavy flower. We made a quick connection at Portland and passed through one or two churches & towns on the way. Vegetation was more and more advanced as we proceeded.

I left Mrs. Lyman at the North Station and went to Dr. Briggs for a few moments and then to Dr. Delamain whom I had a long talk with her about Mrs. Codd.

Then I went to Harvard Square and had a refreshing time at the barber's.

Reaching home I had a warm welcome from Dr. & Mrs. Corliss and Miss Broom who had been awaiting me. I took tea with them.

I find at home some Viola carnea ^{Transparence} from Dr. E. H. Barnes and the Transparence ^{from} E. H. Barnes. From Barnes I have he had written about it. It is most interesting and replaces the holocarpus ^{from} one that was broken in transportation. ^{2.6. Barnes} Christmas time. Barnes is standing on a huge cactus in Mexico. I shall get the story from him.

Harry & Brog called in the evening

Five total lunar eclipses - I saw 4 total as an A madness disappeared - Had day - 30 in Cambridge

Lunar eclipses

Cambridge, Mass.

1909
June 4

Sunny morning, cloudy afternoon & evening
I have had a busy day, especially after
the long trip of yesterday. I called at 80
Spears St. in the morning, saw George,
and I did a number of errands in
Harvard Square. I lunched at the College
and wrote letters, etc. in the afternoon.
The event for which I came down has been
a great success. I reached Williams's at
6 P.M. and gave Mrs. Williams a box of
flowers with which she adorned the table.
We had a delightful time at dinner;

E. F. Williams

B. L. Robinson

E. L. Rand

W. Deane

G. G. Kennedy

Mrs. E. F. Williams

The meeting of the Botanical Club was
equally a success. John Munro, Jr. gave
us a sketch of the government forestry work
in Dakota, and the talk of the evening
by H. H. Bartlett on Peat and the Forma-
tion of Peat Bogs was most interesting and
instructive. About forty were present.

This is the last meeting before October.
J. R. Churchill had been to Ullapool by
lake and he exhibited fresh specimens
of Primula mistassinica. It was a pretty
display. Fernald told me that he,
Mrs. F. with Prof. & Mrs. Wiegand were going
to summer in Pembroke, Me. The bed-
founded trip was an expensive —
I got to bed by 12.20 —

Cambridge, Mass. to Shelburne N.H.

1909
June 5

A rainy chilly day.

I left home about 7.30 A.M. called on a while at 80 Sparks St. then drove to Harv. Sq. with Mary and finally to Boston. and after leave to the North Station where I took the 1.15 P.M. train for Portland arriving there at about 5 P.M. (train time 4.40). I took the electric to the Grand Central Station, got some supper and took the 7 P.M. train reaching Shelburne at 10.11. Mrs. Philbrook met me and we drove back in the dark where Mr. gave me a warm welcome - I confess that the trip while a very pleasant one and one that I took in order to be at my post at the Botanical Club, as President has been very tiresome. I am tired - Still I am glad I did it, travelling as I have done over 400 miles in all - Our Club has had a very pleasant set of meetings during the past season and I am looking forward to an equally successful season in the fall.

The Hylas were piping as we drove up to the house this evening. I heard them at intervals in the way up from Portland whenever we passed a marshy spot.

Shelburne, N.H.

1909

June 6

Cloudy Am., clear and warm Pm., cool evening
I remained in the house this morning, ex-
amining my plants, writing, etc.

The Cecropia moth of last May 25 - ~~decid.~~ ^{decid.} ~~decid.~~
This morning went 11.05. By 11.33 its fore wings cecropia
which were on the length of the body at first,
3 cm., had enlarged to their normal size,
7 cm. Then the hind wings, rapidly as-
sumed their normal size. I have put the
cocoon with moth attached out of doors on a
tree trunk ~~that~~ the moth may leave at will.

Mr. & Mrs. McMillan called this afternoon. We had
a pleasant talk. Mr. M. is at last relieved from
his painful tooth. We shall visit them as near
June 29 as possible. M. & I walked out to
the river this Pm. The colors were very
fine.

This cold, though much better, still hangs on, and
we shall stay through this week, when I trust
all trouble will be gone.

The Hylas are as active as ever this evening
and Toads are trilling.

I visited my Butterbush to-day. It is Button Bush
really coming into leaf in a number of
places. All the developing buds are traceable
to two of the main stems with the addition
of two shoots from the ground that are
evidently connected with one of these
stems. Each shoot has developing buds.
So I am in hopes that we shall have
considerable growth this year —

Sudburne, N.H.

1909
June 7
(1)

Fine, cloudy, most of the 4th., clear with beautiful cumulus clouds in P.M.

This morning I gathered a number of plants of *Carex*, still young. We send to F. H. Bailey to plant.

I collected a few plants and drove to the Post Office with Gus. I saw my first Cedar Bird, about twelve in number, on a flowering Apple tree by the road opposite the Bangsland. A ♀ Hummer was hovering about the blossoms. The Save Swallows are now abundant about Grosser Farm and neighborhood and the Bank Swallows are filling some of the intervals and close within house with their buzzing notes. Mr. & I took a stroll before dinner. Her cold still hangs on.

This afternoon Gus took Mr. & Mrs. Cushing & me to drive to Stevens Farm. The views all along seemed more beautiful than ever. *Tiarella cordifolia* makes a beautiful stand in the Clarke Cherry is now a mass of white. We returned by West Hill Bridge and I got out by West Hill Brook and collected some *Nicotia* and a *Carex*.

My Butternut I find to-day really quite *Butternut* thrifty. Besides the budding shoots that are all connected with two stems, there is a shoot coming up from the ground evidently connected with a third stem. There will be quite a showing of leaves later on. The Hylas & Frogs are singing as usual this evening.

Shelburne, N.H.

1904
June 1st
(2-)

9 have collected to-day the following:

Salix cordata Muhl.

Roadside and brookside. From the border of Cabot Brook by the road at entrance to the Philbrook Farm s.w. corner. Also from border of Clement Brook by the Post office where the plant was 8 or 10 feet high. In former place very low 1-3 ft.

Viola cucullata Ait. Seed of lat. pet. s strongly knobbed.

Wet, springy meadow by the brook road near Hamlin's house. Also wet ground by Philbrook willows.

Melilotus alba Desr. (Det. by M. H. Fernald & H. Deane, Oct. 9, 1922).

A flowerless plant in gravel between the tracks at the Shelburne station. Leguminous.

Antennaria neodioica Greene.

♀ plants, dry slope by Philbrook willows.

Eriophorum viridi-carinatum (Engelm.) Fernald.

In wet, springy ground among the *Scirpus hudsonianus* on C. B. Swans' farm.

Tiarella cordifolia L.

near the river on Stevens Farm.

Viola septentrionalis Greene. Lat. & sp. p. s. pubescent.

Low ground Stevens Farm near the river at western end by the woods.

Populus balsamifera L.

Bank of the Androscoggin River, Stevens Farm.

About two small trees some 20 ft high.

Carex tenella Schreb.

Grassy upland near Moses Rock.

Viola septentrionalis Greene.

Dry slope by short road near Kendall Farm.

Lat. & sp. pet. s. pubescent.

Shelburne, N.H.

1909
June 7
(3)

Viola septentrionalis Greene.

Grassy upland slope near Moses Rock - Large plants. Lax. & spurred pet's pubescent.

Viola septentrionalis Greene.

Grassy upland slope near Moses Rock. Small plants - Lax. & spurred pet's pubescent. 3 plants in one the pubescence on the petals & leaves is much less than on the other two - The 3 plants were close together and exactly resemble each other externally.

This afternoon at Stevens Farm I heard a Water Thrush among the alders close by the river. He sang for a number of minutes, but I did not succeed in seeing him.

Water Thrush
in alders by
river -

Mrs. Cushing showed me to-day a Robin's nest scarcely five feet up in the crotch of an apple tree within a few rods of the house near the Lodge. There were ~~three~~ ^{four} young birds in the nest, large enough to completely fill it. The old bird left the nest as we approached, but made no sound.

Robin's nest
with
4 young.

Dr. & Mrs. John B. Hawes of Boston, a newly married couple are here - They arrived on June 3 -

I saw to-day a Tree Swallow enter one of Mr. Austin's bird boxes near the road by his house.

Tree Swallow
entering
bird box

Shelburne, N.H.

1909

June 8

Clear mild glorious day -

M. says, but it is less than yesterday. This morning I walked with Mr. & Mrs. Cushing and Mrs. Reubell as far as the Presidential Platform. Nature is at her best now. Later M. & I walked down to the river and sat there for quite a while. The boys are running freely down stream, and a large number are anchored on both sides of the ~~river~~ stream. Bank Swallows were constantly flitting about uttering their buzzing notes. A Spotted Towheep flitted across the river, alighting on a stranded log and then flying into the meadow and alighting. A Veery after calling a number of times from a bush near the water flew low over the river to the opposite shore. Savannah Sparrows chirped their grasshopper notes near us and we were loath to return.

This afternoon M. & I spent some time in the Emerald Piazza enjoying the view, while I read aloud 'The Brown Rat in the United States' by David S. Lauck, Ent. Survey, Bull. No. 33. It is appalling to learn the terrible details of destruction by both the 1st & 2nd crops of the work on the new road.

I examined the Robin's nest by the house 3 days ^{Robin's nest} ^{young} the three young have grown perceptibly since yesterday.

Ens tells that about 16000 bushels of potatoes were raised in Shelburne last year. He is making a report in a State publication -

A hoar frost covered the intervals last night. The Hylas are piping to-night. I have heard no Toads -

Thompson.

Shelburne, VT

1909

June 9

(1)

Trip to Randolph Hill and Moore River
picnic ground -

Went generally cloudy with bursts of sunshine.
Went with Mr. Mrs. Eastling and I drove
today to Randolph Hill. The views were as fine
as ever all the way. I called at the McMillans
but saw them in Gorham for a few minutes.
I collected a few birds on the way. We went
to the Mount Crescent House which is not
yet open and turned round and returned
to the Moore River picnic ground in
Upper Gorham. The saw iris in big
banks on the slopes of King's Ravine, ten
feet or more deep according to Gus.

The picnic grounds are very beautiful.
The river runs merrily by over its stony bottom
and the woods on either side make a beautiful
picture. I collected a few plants in a
swamp close by that was filled with *Viola*
cucullata, etc. We got home by 4.45 P.M.

Prof. & Clara Emerton & Miss Hobson arrived by
evening train for a few days - After supper
Prof. Emerton, Gus & I walked over the new
road -

I saw some Cedar Birds in an apple tree by Cedarbird's
the house this evening. Two were sitting passing to
close together passing something I could not catch other
see what, from me to the other in the
customary way at least half a dozen times as
I watched. Some a third bird flew in between them
with the article from the bird book is it and flew away.
They are passing to-night, and I hear a few to-morrow -

Suelburne N.H.

1909
June 9
(2)

I sent W. G. express this morning to
L. H. Bailey a box of Carex roots as he
requested. There were several & several, young.

Prof. Pennell sent me yesterday from
St. Andrew, N.B. where he is at present
attending to the opening of the Biological
Station there, a capital paper on

"An account of certain noteworthy features
in the habitat of *Eleocharis*" In St. Andrew
the plant is taller and more thrifty the nearer
to woods it is, and the richer the soil. I
trust we can find it in K. bot or a -

I collected to-day:

Viola septentrionalis Greene

Rather moist roadside on Randolph Hill
Lateral & spurred petals pubescent. Sepals ciliate
to the tip -

Viola cucullata Ait.

Swamp by Moose River picnic ground, Eorham.
Beard of lateral petals strongly knobbed. Sepals
lanceolate, not ciliate

Viola pallens (Banks) Brainerd. (See *Agnes Brainerd*, Feb. 6, 1910)

Springy ground by Moose River picnic ground. Eorham
Lateral petals slightly pubescent. Leaves glabrous on both sides

Tiarella carifolia L.

Springy ground by Moose River picnic ground - Eorham -

Veronica repyllumifolia L.

Damp ground by Moose River picnic ground - Eorham

Pyrus americana (Mill.) DC.

Young plants, grassy slope near Moses Rock.

Fragaria virginiana Duchesne.

Roadside, rich soil, abundant -

Shelburne, N. H.

1909
June 10
(1)

Cloudy but pleasant day, cool - A little morning sun
rain ^{is. Let's see, and drying.}
M. still coughs badly. I cannot understand it.
This morning M. & I went to the Horse Cottage and
sat on the piazza. Hearing a bit I opened my
case for my binoculars and the case was empty! Binoculars
I had last used the glasses on Eorham Hill yesterday
and where could they be. We returned
home and satisfied ourselves that they were not in
our room - Gus had gone off for the day - I
phoned to various places in Eorham but
of course nothing had been heard - I was
even advised to go back to Eorham Hill
and inquire at every house, a practically
impossible task. Finally M. said that
we would go over the route carefully that we
had taken to the Horse Cottage. I had
gone up the road to the ^{second} row of willows and
had climbed up the bank opposite the
Bungalow - As I nearly reached the summit
I sat down on a grassy spot out of breath
I retraced this course exactly and as I
sat down in the same spot near the
head of the bank there were my binoculars
lying quietly safe & sound in the grass.
It is hard to see how the clasped cover
of the case came open and it is most
unusual that even with the cover un-
clasped the glasses should have slipped
out especially without my knowing it.
Any way I was more than surprised
at finding them again -

Sunburne, N.H.

1909
June 10
(2)

This afternoon we went up again and sat on the nurse's piazza. In the morning just after feeding my f. cresses I heard ^{House Wren} and saw a House Wren singing on a dead tree close by the Bungalow. This afternoon I heard him and saw him in the trees at the foot of Sunset Rock between the Nurse Cottage and the Bungalow. I feel quite sure that I heard a second Wren at one time and the first one was singing in the direction of the Nurse Cottage and immediately I heard what I think was a second Wren near the Bungalow as I was standing by it. However it may have been the same bird.

Later this morn. Mr. Simpson & I drove over to Fabjan the village and there Mr. Simpson got his Calliper Rule. Fabjan Calliper Rule for measuring logs by See also cord measure and we went down to the June 11 (5) mill and I saw Mr. Simpson apply the at first measure to logs from the Berlin Mills Co's Cords. It was very interesting and I used the calliper on a few logs. The length is measured by means of a rotating wheel and the diameter at the center is taken and a figure is read, giving the cubic feet, which divided by 128 gives the cord measure. I put in four trays!

Prunus virginiana L.

In full flower, slope by Bungalow -
Hydras are visible, and birds singing sparingly -

Shelburne, N. H.

1909

June 11

(1)

Funny and cloudy, mild -

This morning, Dr. Hawes told me that a pair of House Wrens were building a nest in the fish basket that was hanging outside the back ^{screen} door of the Bungalow, about 4 feet above the floor, on the upper hinge - Dr. Hawes had used the basket on a fishing trip day before yesterday and on his return that day had hung the empty basket in the position above mentioned. The basket was of the usual kind, of light straw with a sloping lid with a hole in it. Yesterday Dr. & Mrs. Hawes were away all day and the basket was undisturbed. This morning before breakfast he went out to get his basket and, on opening the cover, saw it filled with small turfs. He soon discovered the pair of Wrens and he left the basket hanging there and told me about it at breakfast. I went up after breakfast and examined the basket. It hung in the usual way, tilting forward at the top, thus:

The turfs lined the inside from the front of the bottom to nearly the top in front - i.e., from a to b. I put the lid back again and fast some a short distance off. Soon the male bird came along with a small turf in his bill and alighted on the floor below the basket. He then flew up and dove some through the hole out of sight. I heard him chattering away as he deposited his turf.

House Wrens
building in
fish-basket

Sueblorne, N.H.

1909

June 11

(2)

Soon he reappeared and began singing
merrily with half of his body only out of the
hole. He then flew to the floor and took
in his bill a twig that was lying there some
eight inches long. With this he flew up to
the basket and tried in vain to get it
through the hole, but he could not get one
end in first, for he held it by the middle.
He kept uttering his bubbling song at in-
tervals and finally dropped the twig and
flew away, filling the air with music.
He returned again and added a fresh twig
to the nest. Once I heard the twittering
of his mate near by, but I did not see her.
At another time I heard another male
bird singing, thus confirming my observation
of yesterday. This afternoon I visited the
spot again and saw the male enter the
hole twice, once with a bit of something white
in his bill which he deposited, and once
with nothing. He sang his full song while
in the basket and chattered merrily besides,
appearing at the hole several times, and
then disappearing into the enclosure.

Dr. Harvey & his wife have seen much more
than I have to say. They put a number of
small twigs on the floor of the porch
beneath the basket and saw them all
taken in to the nest. At one time they
saw all three birds at the same time.
The two males had a lively tilt, but the

Houselands
first basket

Shelburne, N.H.

1903

June 11

(3)

intruder was driven away - The House Wren is ^{House Wrens} a very pugnacious little fellow and will ^{fish} basket guard his home most fiercely -

During my two visits to the spot the song of the male Wren was almost constantly heard among the rocks and small trees on the slope of Sunset Rock close by. On the second occasion I inspected the basket again and I found that about the same area was lined with twigs, only they were more thickly laid on.

Once I stood very close to the male bird as he ran about on a pile of boards close to the east side of the house. He hopped about with tail erect, holding in good fashion and finally disappeared through the wooden lattice work, under the house.

The future of this attempt at nest-building is very uncertain. For the very situation renders it more than doubtful whether the basket can remain there. There will be constant passing in and out through the screen door and this should drive the birds away, to say nothing of the fact that every time the door is opened the basket is disturbed, as it hangs half against the door and half against the wall. I think we shall try to move the basket without driving away the birds. Dr. H. H. Haves have very soon, and the next tenant may not be inclined to protect the birds as they should be.

Shelburne, N.H.

1909
June 11
(4)

This morning Mr. & I walked some the road and examined the Peaballus woods. They are very beautiful, but the mosquitoes drove us out. He sat some for a while in the open meadow near the school house enjoying the view. This afternoon Mr. & I walked up where the Urens and while we were there the McMillans called in the automobile - I was sorry that Mrs. McMillan did not once see the Urens. They would not appear though as soon as they left the madd came full of song.

There is nest of young Robins in the apple tree by the stone seat has contained four birds as I saw this morning. They were crowding the nest and seemed ready to leave. Later on the approach of some of the ladies, three of the birds flew or fluttered out, and now the old birds are busy enough -

I watched this morning a flock of some 12 or 15 Cedar Birds catching insects. They darted very deftly about on silent wing, rising and falling and circling about and alighting on the near trees south east of the house.

The Hylas and Toads are very lively this evening.

I collected to-day;

Salix alba L., var. reticulata (L.) Koch.

Developed leaves from same tree by the barn as of June

Crataegus

Roadside below Leav. Brook in Peaballus lot. Stamens 5-8, pink. Styles 3.

Fragaria

Corydalis
Corydalis corymbosa Michx.

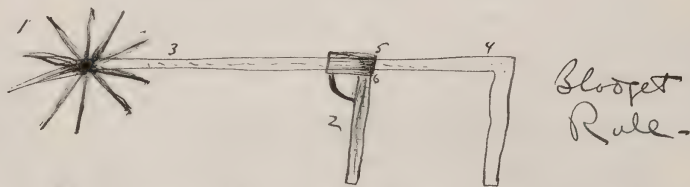
Roadside, rather dry by Peaballus lot.
Dry woods. Peaballus lot.

Cedar Birds
catching
insects.

Shelburne, N. H.

1909
June 11
(5)

I examined last evening a Blooget Rule that Mr. Simpson lent me. Its structure is the same as the Fabryan Calliper Rule, and is like this:



1 = a wheel with spikes in the points. One revolution = 5 ft. Spikes six inches apart. This is run over the log to get the length.

2 = a movable joint to get the diameter of the log at the middle of the log.

3-4 figures are on this portion

5-6 figures are on this portion of the movable joint encircling the portion 3-4. On this is read the length of the log.

The diameter is ascertained by fitting the two perpendicular pieces over the log. Then on the strip 3-4 against the figure indicating the length of the log is read the figure giving the cubic feet of board in the log. It gives the cubic feet minus the part sawed off so as to make the log square at the end. □.

The Fabryan Calliper Rule works in the same way but considers the log square at the end with one side equal to the diameter of the log. □. This is cord measure. The measure is really more than the log contains.

Shelburne, N.H.

1909
June 12

Colanders, but much smoke in the air.

I have staid near the house all day. This morning we set a little packing and heated drier in the sun and hastening the drying of my plants.

Gus took a party to Eiland this morning and he brought back to me some fine flowering specimens of the hybrid ash (*Sorbus hybrida*) from the tree near Eiland bridge. I have pressed some of them. He said that the tree was covered with clusters of snow-white blossoms.

This afternoon Gus pruned the Button-Buttonbush bush for me behind the barn. I was with him. He took out all the dead wood, leaving two large stems and the base of a third which had a shoot that is throwing out leaves. The two large stems are showing a good deal of life still, and, if properly cared for, or at least left undisturbed I think they will yet live for some time. The leaves are now well advanced.

Gus, Mr. Cushing and I sat for some time on the piazza this afternoon talking. Mr. Cushing explaining the Maine Savings Bank of which he is Asst. Treasurer, and Gus the White Mountain Nat. Park at Enclian of which he is a Director.

The Hylas and Toads were as active as ever this evening. Gus says that he heard a Hyla in the woods today.

Shelburne, Vt.

1909

June 12

(2)

Dr. Hawes tells me that he has seen both Wrens working at their nest in the fish basket. The female was the cleverer of the two. The male tried many times to get a long twig into the hole, but kept dropping it again and again. Finally the female took it and working the twig in her bill got hold of it at the end and drew it in successfully. The male kept singing so much that he continually dropped the twig. He says that today the two birds have been busy most of the time, and they have been taking pieces of grass and the like into the basket. This is of course for a lining.

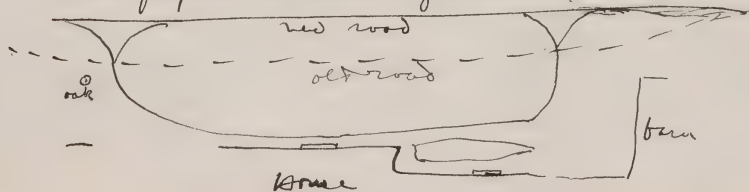
House Wrens at Burlington.

Work on the new road has been advancing rapidly. I have made some measurements today: Distance from front piazza of main house to middle of old road, 88 feet.

Distance from middle of old road to middle of new road, 53 feet.

The road will therefore be removed from the house 60 $\frac{1}{2}$ % of the former distance beyond the old road.

I now propose a change of driveway:



See July 11
(2) 1909.

Shelburne, N. H.

1907
June 13
(1)

Smoky and cloudy, rain in evening.
This morning Gus took Mr. & Mrs. Cushing & me to the Wigan - We walked on to Bowls and Pitchers and we visited the Wigan and had a very pleasant time. The road to the spot is now made very smooth and it is easy to drive up. On our return I found the auto and Mr. & Mrs. McMillan with Andrew here. I took Mrs. McMillan up to the Bungalow and she was delighted to see for the first time a House Wren - to see two together and to watch them, and listen to them and see the male enter the basket was a treat.

Mr. & Mrs. Cushing left this afternoon for Portland. We have enjoyed extremely their acquaintance and I hope to meet them again. Howard Philbrock arrived last evening (10.11 train) from Orem. He has graduated and now he holds a degree of S. B.

It is raining this evening, but we shall get off if possible.

The *Hyla* and *Fox* are singing as usual. ^{I have meant all along the Common Tree} ~~Frog~~ (*Hyla verticillata*).

Mr. Simpson called on me this afternoon and read from a Scotch paper a very amusing article, a letter written in 1853 by Andrew Edwards of Stoneham, Scotland, to Mrs. Harriet B. Stone who was coming over to make addresses against slavery.

Snelburne, N.H.

1909

June 13

This morning, I took Mrs. McMillan & David Houseknecht

(2) to the Bungalow to see the Wrens. Two males were singing constantly in the trees and among the rocks near the house. We saw the pair together several times. They hopped over the piazza took little sips from the wine close by, but would take nothing into the basket. They constantly went under the piazza which is boarded all round, through a little hole close to the ground at the southeast corner. I could hear the male singing and chattering there. They would come out from some other spot, one being a long narrow opening close to the ground some ten feet from the above mentioned corner. I wasn't sure any thing was taken in under the piazza by the birds. Twice the male alighted on the chair or small box on it that is on the porch under the basket but flew away without going to it. The porch is on the north side of the house, while the piazza ~~round~~ round the south (front) and east sides. Once the male, always, shown by his constant singing, flew from the chair to the basket and, pausing a moment on the lid, entered the hole and remained there for a moment before leaving. He had worms in his bill while the pair were about the piazza. I heard the second male singing

Shelburne, N.H.

1909

June 13
(3) merrily some distance off among the trees ^{Humblers}
and rocks. At times the two males
would be singing at the same time.
So there is ample evidence that there
are three birds there, a pair and
an extra male. Whether he has a
mate or not I cannot tell.

We examined the basket again. The
twigs occupy a good third of the space.
No twigs touch the back of the basket
but they line the bottom and front owing
to the tilt of the basket as it hangs.
There is a little lining but not much.
There is an approach to a hollow in the
conformation of the twigs at the bottom
which is evidently where the nest should
be.

What the action of the Wrens in going to
repeatedly under the piazza I cannot
understand. They seem hardly to have
deserted the basket and it seems in
most unlikely place for a nest, as the
space under the piazza is entirely
boarded in and is dark and close. ^{see} July 4, 1909

Flushing, N. H. to Cambridge, Mass

1907
June 14

Clear, warm but pleasant day -

We bade good bye to our friends this morning and took the S. B. train home. Dr. Hms. John B. Hawes went to Boston with us. We had a very pleasant run all the way. At Mechanics Falls and at Filled I observed the trees, one each, of Sorbus hybrida L. That I have noticed on the way some on June 3 ca. 8. They had borne copious flowers, but the blossoms were gone by - I had hoped to see them in full white flower. The bees of Rhodo that were in such fine flower on June 3 are gone by and too.

At Newburyport we saw a performance that was in pretty bad taste to say the least. A young married couple, as they were boarding the parlor car were assailed by their friends on the platform in full view of the general public, and were covered with confetti from head to foot.

At Boston we left Dr. & Mrs. Hawes and came out to Cambridge where we had a hearty welcome from Dr. & Mrs. Colis & and Miss Brown. Eos. They called in the evening.

Yesterday Eos Philbrick found a large patch Pyrus of Chokeberry (Pyrus melanocarpa (Michx.) Willd.) a few rods from melanocarpa the road on the slope of Hawk Hill, opposite Whelan's Shop, a few rods from the main road, and off the road to my left's Whelan's // The patch was

some ten feet across.

I have looked some -

Pyrus → E

Shelburne, N.H.

1909

May 10

to

June 14
(1)

Birds observed by me in Shelburne - If observed
outside of Shelburne I have indicated it. The word

'June' precedes June dates - * = full song ♂ = male O enclosing a number = flock
V = in flight ♀ = female * above a no. = all caught
~ But one bird, Swift (56) observed only one of Shelburne ~

- 1 Bluebird 14^{*} 18^{seen} 20² 22^{*} 23³ 24^{*} 25^{*} 26^{*} 29² 30² 31⁶ June 1⁷ 8^{*} 9¹ 13^{*}
- 2 Robin 10¹ 11¹ 12¹² 13¹² 15¹² 17³ 18⁶ 19⁵ 20² 21⁶ 22⁵ 23¹² 24¹² 25¹² 26¹² 27⁶ 28² 29⁶
30⁰ 31¹² June 1⁶ 6⁴ 7^{+ nest + 4 young} 8² 9¹² 10⁶ 11² 12²
- 3 Hermit Thrush 14^{*} 18^{*} 20^{*} 23¹ 30¹ June 1¹ 2¹ 7² 9¹ 13¹
- 4 Veery 19¹ 20¹ 22¹ 25¹ 27¹ 28¹ 30¹ June 1¹ 2¹ 7² 9¹ 13¹
^{"The Bog" loc.}
- 5 Chickadee 19¹ 20³ 21¹ 24¹ 25¹ June 9¹ 13¹
- 6 White-breasted Nuthatch 19¹
- 7 Winter Wren June 2¹ woods by Frenchman's camp on ridge by road to Cabot.
- 8 House Wren 15¹ seen both of Whelan's barn by Bog - June 10¹ ^{* seen by Bungalow and about} foot of Sunset Rocks. A 2⁰
heard near by at the same time. 11² ^{* carrying sticks into} pile of brush at Bungalow 13¹ ^{* 22² + 4} under basket. See Journ.
- 9 Catbird 18² 22¹ 24¹ 25¹ June 7¹
- 10 Redstart 15⁸ 18² in air 20² 24¹ 25² 30¹ ^{Sorham} June 1¹ 2¹ 13¹
- 11 Maryland Yellowthroat 15³ 18¹ 19¹ 25¹ 29¹ June 2³ 7¹ 13¹
- 12 Water Thrush June 7¹ alders by the river, Stevens Farm.
- 13 Oven-bird 13¹ 14¹ 18¹ 19³ 20³ 21³ 25² 27² 29¹ 30¹ 31¹ June 12² 21¹ 23¹
- 14 Black-throated Green Warbler 14¹ 20² 21¹ 23¹ 25¹ June 13²
- 15 Blackburnian Warbler 20² 21² 25² June 2⁶
- 16 Chestnut-sided Warbler 18² 21² 24¹ 25² 26² ^{several} 27² 28¹ 29² 30¹ 31¹
June 1¹ 8¹ 11¹
- 17 Magnolia Warbler 20² 21² 24² 25¹ 28¹
- 18 Myrtle Warbler 13¹ 14¹ ^{several} 15¹² 18¹ 19⁶ 20²⁵ 21⁶ 22¹⁰ 23¹ 24¹ 25¹ 26¹ 27¹
29⁶ 30¹ 31¹ June 1² 2¹ 6¹ 7¹ 11¹ 13¹
- 19 Black-throated Blue Warbler 13¹ 15³ 18² 20³ 23³ June 2¹
- 20 Yellow Warbler June 2¹ ^{* bank of river -}
- 21 Parula Warbler 13¹ 18¹ 23¹ ^{seen} 28²
- 22 Nashville Warbler 14¹ 15¹ ^{seen} 20¹ 25¹ 27¹ June 13²
- 23 Black and White Warbler 13² 17² 18² 19² 20² 25¹

Shelburne, N. H.

1909
May 10
to
June 14
(2)

- 24 Solitary Vireo 15¹* 19²* 20¹* 23¹*
25 Warbling Vireo 26¹* village by the brook June 2¹* seen in tall trees on Hamlin farm.
26 Red-eyed Vireo 30¹* Kneale June 11¹* 6¹* 9⁵* 10²* 11¹*
27 Cedar Bird June 7¹* (2) in apple tree by the house 10¹²* & aliphon in apple tree near the house 11¹²* 12¹²* 13¹⁰*
28 Bank Swallow 25¹* June 1¹* 6¹* 7¹* 9¹²* 11¹*
29 Tree Swallow 15¹* 18¹* 19¹* 20¹* 22¹* 24¹* 25¹* 26¹* 29¹* June 7¹* into box (Aston's)
30 Barn Swallow 10-June about 25¹* nesting - at Philbrick barn - numbers seen on various sires -
31 Save Swallow 18¹* 19¹* 20¹* 24²* 30¹* barn above - 6¹* near's 6¹* 29¹* 7¹* 9¹* 29¹* 10¹*
32 Scarlet Tanager June 9¹* side of river, going to Gorham -
33 Swamp Sparrow 25¹* near est. bog.
34 Song Sparrow 11¹* 13¹* 14¹* 15¹* 18¹* 19¹* 20¹* 21¹* 22¹* 24¹* 25¹* 26¹* 29¹* 30¹*
June 6¹* 7¹* 8²* 9¹* 10¹* 11¹* 13¹*
35 Junco 13²* 16¹* barn door 19²* 20¹* 22¹* 23²* 24¹* 26²* 29¹* 30¹* 31¹* June 2¹* 9¹*
36 Field Sparrow 25¹* near Elley wheelbarrow house in pasture.
37 Chipping Sparrow 10²* 11²* 13¹* 14¹* 15¹* 18¹* 19¹* 20¹* 21¹* 22¹* 23¹* 24¹* 25¹* 26¹* 27¹*
28¹* 29¹* 30¹* 31¹* June 1¹* 2¹* 6¹* 7¹* 8¹* 9¹* 10¹* 11¹* 12¹*
38 White-throated Sparrow 15¹* 19²* 20²* 21¹* 22¹* 23²* 25²* 26²* 27¹* 29¹* 30¹* June 2²*
39 White-crowned Sparrow 19¹* back of barn 20¹* back of barn 21¹* Hamlin farm.
40 Savanna Sparrow 10²* 11¹* 13¹* 14¹* 15¹* 18¹* 19¹* 20¹* 21¹* 26¹* 27¹* 28¹* 29¹* 30¹* June 1¹*
6¹* 7¹* 8¹* 10¹*
41 Vesper Sparrow 11¹* 14¹* 15¹* 18¹* 19²* 20¹* 21¹* 22¹* 24¹* 25¹* 30¹* June 7¹* 9¹*
42 Goldfinch 13¹* 15¹* 20¹* 21¹* 23¹* 24¹* 25¹* 26¹* 27¹* 30¹* 31¹* June 1¹* 3¹* 6¹* 7¹* 8²*
9¹* 10¹* 12¹* 11¹* 13¹*
43 Purple Finch 11²* 13¹* 14¹* 15²* 18¹* 19¹* 20²* 21¹* 22¹* 23¹* 25²* 26¹* 27²* 28²* 29¹* 30¹*
31¹* June 1²* 2²* 6²* 7²* 8¹* 9²* 10²* 12²* 13¹*
44 Bronzed Grackles 18²* near P.O. 26¹* near Morris barn June 6¹*
45 Baltimore Oriole 19²* opp. Hamlin's open ground near the pines.
46 Red-winged Blackbird 18¹* mouth of 21¹* 26¹* near Morris barn June 2¹* 28¹* creek on Hamlin farm in interval 6¹*

Shelburne, N.H.

1909

May 10

to

June 14

(3)

- 47 Bobolink 19^{2*} 22^{*} 23^{*} 24^{2*} 27^{1*} 30^{3*} June 2^{2*} 6^{*} 7^{1*} 9^{12*}
- 48 Crow 10^{2*} 11^{*} 12^{*} 13^{5*} 14^{12*} 15^{6*} 17^{*} 18^{5*} 19^{6*} 20^{20*} 21^{20*} 22^{23*} 23^{20*} 24^{20*} 25^{10*} 26^{12*} 27⁶
29⁶ 30² 31²³ 20 June 1⁶ 2¹² 6⁶ 7¹² 8¹² 9¹⁵ 10⁶ 11⁶ 12⁵ 13⁶
- 49 Blue Jay 20'
- 50 Least Flycatcher 15^{2*} 19^{2*} 20^{2*} 21^{1*} 23^{1*} 24^{1*} 27^{1*} 28^{1*} June 1^{1*} 7^{1*} 8^{1*} 10^{1*} 12^{1*} 13^{2*}
- 51 Alder Flycatcher 19^{1*} alder thicket, roadside, E. of Lighthouse
- 52 Wood Pewee June 2^{2*}
- 53 Phoebe 11^{1*} about 5 A.M. 12²⁰ 13²⁰ 14²⁰ also in den with 2 chicks by barn 15²⁰ 18^{4*} 19^{2*} 20⁴ 21¹ 23²⁰ 1^{*} 25^{*} 26^{1*} 27^{1*} 29¹
30¹ June 1¹ 2^{1*} 6^{1*} 7^{1*} 11^{2*} 12^{2*} 13²
- 54 Ringbird 15¹ 18⁴ 19⁴ 20⁸ 22¹ 23¹ 25¹ 26¹ 31¹ June 2¹ 7² 9² 10² 13¹
- 55 Humming-bird 30¹ June 2¹ 7¹ 10¹
- 56 Swift 29¹ Graham.
- 57 Whip-poor-will June 1^{1*} 2^{1*} 6^{1*} 10^{1*} 11^{1*}
- 58 Flicker 13² (1 shooting) 14² (shooting) 18¹ 20¹
- 59 Pileated Woodpecker 21¹ screaming and hammering at a tree. See Journ.
- 60 Black-billed Cuckoo June 13^{1*} by Sunset Rock.
- 61 Broad-winged Hawk 13¹
- 62 Red-tailed Hawk 24¹ seen from the McMillan's.
- 63 Sharp-shinned Hawk 21¹ 24² ² eggs in the McMillan woods where they have been shot there.
- 64 Ruffed Grouse 14¹ running
- 65 Solitary Sandpiper 18² in pool near Ches.
- 66 Spotted Sandpiper ^{June 1 at the river} 8 ¹ 9¹ Graham.
- 67 Great Blue Heron 23¹ up the river opp. Philbrook farm and slightly at the mouth of Clements Brook.

Shelburne, N.H.

1909

May 10 Temperature records - The thermometer, maximum
June 14 and minimum hangs in the shed as usual.
(1) The second column is the record for the morning
hours when the minimum record is taken -

	A.M.	Min.		Max.	71	8th.
10					51 71	5.45
11	8.05	62	63	66	57 51	5.30
12	8.30	40	49	64	69 57	6.30
13	8.00	46	50	72	63 69	5.00
14	8.15	51	52	71	61 63	6.10
15	8.00	51	51	66	50 61	6.30
16	8.15	47	50	52	47 50	6.00
17	8.15	41	44	48	53 47	7.15
18	8.00	47	48	57	54 53	5.30
19	8.00	46	50	59	56 54	6.30
20	8.00	45	49	66	56 56	6.30
21	8.00	40	48	63	55 56	6.15
22	8.00	43	48	59	57 55	6.00
23	8.00	43	48	64	65 57	6.30
24	8.00	46	54	72	56 65	6.30
25	8.00	44	47	59	68 56	6.30
26	8.00	39	50	76	68 68	6.30
27	8.00	40	52	75	55 68	5.30
28	8.00	53	54	57	60 55	8.00
29	8.00	52	56	62	61 60	5.30
30	8.00	51	51	61	61	6.00
31	8.00	44	56	70	66	6.30

Shelburne, N.H.

1909

May 10

June 14

(2)

	A.m.	Min		Max.		P.m.
1	8.00	48	54 52	71	66	6.30
2	8.00	40	54 48	75	72	5.30
3	7.30	47	47 60	81	76	6.30
4	6.40	56	46 59	76	70	7.00
5	6.00	44	50 61	71	69	6.00
6	7.30	52	58 54	66	65	6.15
7	8.00	48	54	68	64	6.30
8	8.00	38	47	72	67	6.30
9	8.00	36	46	72	68	6.00
10	8.00	43	50	67	62	6.00
11	8.00	51	58	75	68	8.00
12	8.00	56	65	79	74	6.30
13	8.00	51	61	75	72	5.45
14						

Average

46 ³³/₅₅67 ²/₅₄

Plants collected in Shelburne, N.H.

1909

June 27

The Shelburne plants are dried and labelled. I have collected and pressed one hundred sheets - Of these forty-five (45) sheets are of the genus *Viola*. There include the following species -

- Viola cucullata* Ait
- " *septentrionalis* Greene
- " *Selbirkii* Pursh
- " *pallens* (Sachs) Brainerd
- " *incognita* Brainerd
- " *renifolia* Gray
- " *rotundifolia* Michx.
- " *scabriuscula* Schwein

I might have found *V. nephrophylla*, *Sororia*, *fimbriatula*, *placida*, *canadensis*, *crispata*, *laboriosa*, *arenaria*.

The first two species, *cucullata* & *septentrionalis* were exceedingly abundant, the former in wet places, the latter on the intervals, in dry pastures, by roadsides both moist & dry. Of *Selbirkii* I got a single specimen in the woods on Mt. Evans at Eudicot Farm. *Pallens* was in wet springy soil, *incognita* & *renifolia* in wet soil and in rich ground in shade. *V. rotundifolia* was in rich woods. *V. scabriuscula* I found abundant in one spot by the road, in shade,

Cambridge, Mass.

7909

June 15

Clear, rather warm.

This morning I spent in clearing up and doing errands at Harvard bygone, Cambridgeport Savings Bank etc. I went to Haverly and got my paper envelopes that Miss Jennie Switzer has been making for me & they are very satisfactory.

This afternoon, I visited Will Brewster's Viola garden to get Viola papilionacea in fruit. Viola papilionacea It is now absolutely rank, covering large areas with interlacing leaves a foot or more in height. The stout rootstocks form a mat just below the surface of the ground and there is a great abundance of fruit, the large pod 15 mm. long. Many of the leaves are five inches broad. I took a number of specimens.

This evening I went up and called on Dr. & Mrs. B. L. Robinson finding not only them, but the two misses Jackson and Paul Kelsey with his 'cells'. We had a very delightful time. I read to Dr. Robinson Prof. Penhallow's paper on Rhodora and he wants to publish it in 'Rhodora' after presenting it to the board.

Cambridge, Mass.

1907
June 16

Clear, cool day -

I stayed at home today busied with various things. We expected Howard Philbrook but he didn't come - Mary, George, Henry Purdie and Towne all called this evening.

I witnessed this afternoon between 6:15 and 7 o'clock the marvellous sight of Ichneumon flies depositing their eggs. Carl Thies called my attention to it. They were on one of the Norway Maples on Riedesel Ave. by the Chapmans' House and were from three to six feet above the ground. There were four females, three of them alike, black with gold trimmings. They must have been nearly two inches long from tip of antennae to tip of ovipositor. The fourth female was smaller and of a brownish color with some light stripes. They assumed the customary attitude, with body arched and the three long threads circling over the back and inserted into the trunk. They all were inserting their tubes into the holes of a bore probably a Hornet's. While I watched one of the flies, she expanded the rear of the body with a broad membrane and worked her body violently depositing her eggs. Then she withdrew her threads and walked along the trunk, occasionally drawing them through her hind legs extended behind as far as she could. As I watched, a male appeared, a much smaller insect and remained on the trunk near by.

1939

June 19

Cambridge Mass

Trip to Lancaster, Mass.

Clear and cool -

Dr. B. L. Robinson and I took the 8.23 A.M. train. North Cambridge Junction and met Col. Thayer at South Lancaster at about 9.30. We drove with Museum and spent some time most pleasantly looking over the building and collections. Then we drove over to the new pond that John has made of several acres for ducks. It is in the valley across the road from the house and is most attractive. There are over 80 Ducks & Geese. I saw a ♀ Mallard sitting on eggs in the grass. There are Egyptian Geese, Wood Duck, Snow & Canada Geese English Pochards, Shovelers, etc. etc.

We then met Bazar Thayer and we all went over to the Pheasant preserve. There are different species now being raised, Golden, Reeves, Silver, Sooty, Cornish, Ring-necked Pheasant. We saw eggs, chicks, old birds everywhere. Saw a Emperor Hen sitting on eggs. Then we went to the Greenhouses, where the Nectarines are nearly ripe. I took me home 5 m.

At John's house we talked over plans for our large visit to the Hubbard, which he approves of. We stayed with him till we returned by the Lancaster train to No. South Junction in the middle of the P.M. After a very useful day -

Cambridge, Mass.

1909
June 21

Clear, very hot. 86° Fahr. in the shade.
An exciting day - Lucy, Helen & Mary Dexter after nearly seven months absence, (November 27 - June 21) arrived this morning from the steamer 'Cymric' which came up to the dock in Charlestown early, having anchored during the night in the harbor. We met them at their house. All were well and bright. Later Charles arrived from Chicago to get his degree. We hadn't seen him for a year. Turner took his last exam. (German) this morning.

Mary Dexter brought me 53 postcards of views in Paris, not one a duplicate of the 200 or more I already have. I have stamped them all. I shall enjoy them immensely.

I worked on my Shelburne plants this afternoon, naming and labelling a number.

This evening I called again on the Dexters. Turner, Charlie Cogswell & Grope called.

909
June 23

Cambridge Mass.

Clear, some clouds, hot, cool at the wedding.
Wedding of A. S. Pease & Henrietta Faxon.

I took the 10.20 Am boat at Rowe's Wharf for Nantasket. H. H. Bartlett & Moore and father, Rev. Mr. Kidner, Dr. Otis, Mrs. Bates & 2 daughters & Miss Briggs were the ones I knew among the guests. At Nantasket, a barge took us to the house of Mr. & Mrs. Wm. Faxon, Jr. along the Jerusalem Road & we two miles from the wharf. One of the Mr. Faxon's pointed out to me the site of the old Black Rock House where I once as a boy staid. The Faxon house is one of many lovely cottages with pretty lawns & shrubbery & verandas. It almost overhangs the water at high tide and commands a fine view. Minors Light is prominent.

I met Mrs. Faxon, Sen., Mrs. Pease, Mrs. Otis and the Faxon's. The couple were married on the piazza by Mr. Kidner. Little children in white holding ribbons of white daisies string on string came in from the house followed by the others. Everything went off smoothly and the collation that followed was partaken on the piazza.

Dr. Otis told me that Charlotte (Aunt Anna's) had died some two years before and during had gone to pieces in his business. His sister didn't see how she could help him. It seems a retribution for the past.

I took a barge from the house at 2.10 and returned home as I went reaching the home at 4.30. I saw a seal in the harbor and an inflated seal skin, entire, as a buoy. Lucy & Helen boated with us. Helen went over my large marine photos for Mary.

Cambridge Mass

909
June 25

Class Day

Clear intensely hot. 91° here - 94° in Ham. Sp. at 5 P.M.
After doing some errands in Ham. Sp. this morn.
I took Martha at about 2 P.M. to Edmund
Kelley's spread at the Hemenway Gym. It was a
handsome affair. We met all our old Jaffrey
friends, Mr. & Mrs. Kelley, Randolph & Edith Kelley,
Edmund & his fiancée Miss Ringree, Mrs. Jewett
& Priscilla, Mr. & Mrs. Gilmore, Eliza & ^{Roger} Edmund.
Gladys I met this morning. She is a fine girl and
is going to teach in Newton next year. Edith
graduates this year. Then we went to the
Stadium. The exercises were as usual and
the beautiful effects of light & shade, fine
dresses, caplets & streamers was unsurpassed.
This evening I went to the new President's
first reception at the old home for so
many years of President Eliot. I shook
hands with President & Mrs. C. Lawrence
Fowell and passed on through the
College Yard, admiring the light & hands
fairly dressed people and especially two
large fountains at each end of the
yard. The pond, built up of wood, was some
fifty feet across, and jets of water a few
inches apart were thrown from a pipe
that ran round the pond. These jets met
in the center and fell in a volume. The
effect was beautiful.

On my return home, Will Brewster called.
He has finished his Umbagog visit and gone to Green
Brook. I have not visited the great chest.
My deuter went to Exeter last night & Helen then & the

Cambridge, Mass.

1909

June 26

I found to-day Carex muricata L. growing freely in the front lawn of 17 Brewster St. where Prof. A.O. Norton lives. The family are away and the lawn has been left uncut for some time. The grass is about 6 in. tall and the Carex grows amongst it, the longest culms running through the grass near the ground and projecting the spike a few inches above the top of the grass. I took a number of specimens.

Cambridge, Mass

1909

June 27
(1)

Celsea, cool -

I worked in my plants this morning and Red-headed called on Will Brewster at the Museum. He Woodpeckers sails for Europe on July 14. He told me of nesting in the nesting of a pair of Red-headed Woodpeckers Waverley in Waverley and after dinner I took Arthur Allen and went by electric to the slope of the hill beyond the Wood road leading to Belmont. Here there was in former days an attractive wood where I used to botanize. It is now being gradually built upon. One house close to the road belong to the real estate agent J.V. McCarthy, who with his two small boys was very polite in showing us the birds. The hole is in a dead limb of a large Basswood tree that is about half alive, some forty feet up directly in front of a house quite near the first house and perhaps 100 feet from the road in plain sight. The birds were coming and going at intervals of a few minutes. I once saw both birds. Sometimes they would alight and enter the hole immediately, at others they would pause a moment by the hole. They left the hole either directly or would put the head out and remain looking about a moment, the deep red head making a brilliant color spot. Almost, if not always invariably on leaving the hole the bird flew round the side of nearest house and alighted on the dead branches of a rather tall tree near by, and farther away from the main road. Hopping about there for a while

Cambridge, Mass.

1909
June 27
(2)

It would then fly away somewhere. We watched them for some time. The boys said that they saw the birds when they began to make the hole in the tree. They also said that the birds had nested in the vicinity last year and they conducted me to a dead hickory not more than thirty feet from the road and perhaps one hundred feet from the present site, where they showed me the hole not more than fifteen feet up. They said the bird brought forth four young. Will Brewster, whom I talked with this evening, says he cannot imagine Redheads building in such a place, and he is inclined to think that they must have been Flickers. The hickory is quite hidden from the road by other trees. Altogether it was a most interesting observation. We were home again in about a hour and a half. I finished up my Shelburne plants this afternoon and have put them away for the present.

We walked up to 88 Sparks St. this evening and saw Martha, Charles, Turner and the others. Will Brewster & Rudin called.

M. & I are going to Shelburne to visit the McMillans next Wednesday, the 30th. M's cough is very much better and she looks forward to going.

Red-headed
Woodpecker
nesting in
Waverley.

1909
June 30

Cambridge, Mass. to Shelburne, N.H.
Visit to Mr. & Mrs. G. N. McMillan -

Clear & cloudy with a few drops of rain
in the afternoon. Cool.

Mr. & I took the 9 A.M. train, North Station
3. & M. R.R., Eastern Division, Paula Car, and had a
pleasant trip to Gorham, N.H., reaching there at
5.20 P.M. About Sigm & Salem the fields and
hills were yellow with Senecio tinctoria, a
most beautiful sight. A little north of
Portland, I saw large patches of Hieracium
aurantiacum, in full flower. The rich deep
orange color is most pleasant to the eye, but
the plant is a sad weed. Further on there
was a great abundance of Trifolium hybridum
covering fields, while Galium angustifolium
in full flower was abundant everywhere.
Urtica pruinata was in flower in wet places
near the tracks and north of Portland Vicia
cracca was everywhere -

Senecio tinctoria

Hieracium

aurantiacum

We met Mr. & Mrs. & Andrew McMillan at
Gorham and in the auto we sped home.
Mr. McMillan then drove to Upper Gorham and
met Mr. Paul Pelkey who will stay a few
days. He had a very bad headache on his
arrival and went right to bed.

It is as lovely as ever here. Ellen greeted
us and the evening passed as pleasantly as
usual.

The grass is nearly ready to cut -
This morning Ellen & Mrs. McMillan saw two
Larks on the Lark Promenade -

Antennaria neotivica.

The name of the label
is the one Ferns
gave me. I think
it was the above

